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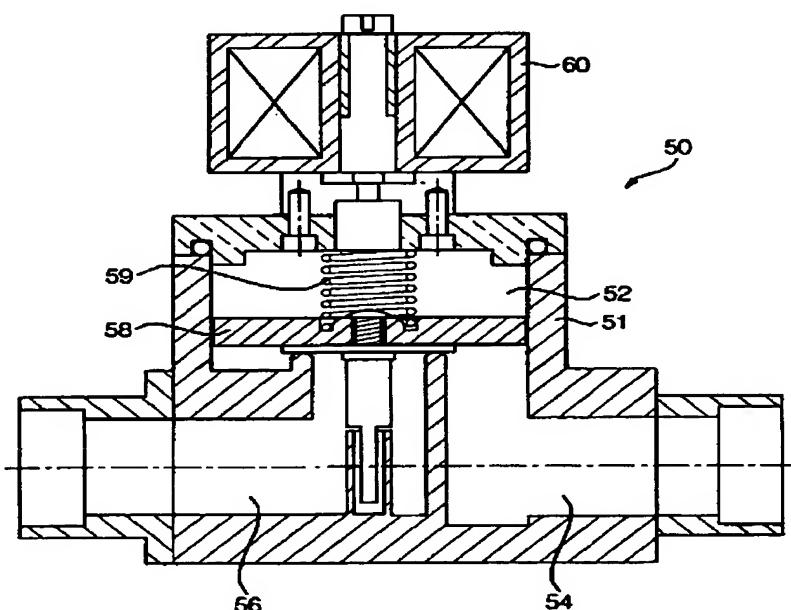
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(54) Title: FLOW PATH CONTROL VALVE



(57) Abstract: The present invention relates to a flow path control valve capable of preventing a back flow of a fluid by maintaining inner pressure of a valve chamber constant. An object of the present invention is to provide a flow path control valve, which can rapidly and accurately control a flow path for a working fluid and also prevent a back flow of a working fluid without an additional check valve, thereby reducing the size of the product. A flow path control valve of the present invention for achieving the object comprises a housing formed with a valve chamber that can be in fluid communication with an inlet and an outlet; an opening/closing member installed movably within the valve chamber for moving between an opening position and a closing position to open or close a passage between the inlet and the outlet; an elastic member installed within the valve chamber to bias the opening/closing member toward the closing position; and a solenoid

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installed at a side of the housing to electromagnetically moving the opening/closing valve. A side of the opening/closing member is formed with a pressure equilibrium hole for causing the valve chamber to be in fluid communication with the inlet. A bypass tube is provided to discharge a fluid, which has been introduced into the valve chamber through the pressure equilibrium hole, to the outlet.



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